

IN THE CLAIMS:

The present claims are as follows:

1. (Previously Presented) A method of analyzing opinions in a text document, said method comprising:

establishing a predetermined set of regular expressions, each regular expression of said predetermined set of regular expressions corresponding to a specific parts-of-speech (POS) tag sequence;

inputting and parsing said text document to provide a plurality of POS tag sequences; matching said predetermined set of regular expressions to said plurality of POS tag sequences from said text document to provide one or more extracted opinions; and

lexically analyzing each word of said one or more extracted opinions to group said one or more extracted opinions into clusters of extracted opinions.

2. (Previously Presented) The method of claim 1, wherein said clusters of extracted opinions comprise any of positive and negative clusters of extracted opinions.

3. (Previously Presented) The method of claim 1, wherein said clusters of extracted opinions comprise any of positive, negative, and neutral clusters of extracted opinions.

4-5. (Cancelled).

6. (Previously Presented) The method of claim 1, further comprising organizing said clusters of extracted opinions into groups, wherein said one or more extracted opinions within each of said groups comprises a similar topic.

7. (Previously Presented) The method of claim 1, wherein said lexically analyzing each word of said one or more extracted opinions comprises accessing a natural language database to group said one or more extracted opinions into said clusters of extracted opinions.

8. (Previously Presented) The method of claim 1, wherein said lexically analyzing each word of said one or more extracted opinions comprises identifying any of a synonym and an antonym for said each word of said one or more extracted opinions.

9. (Previously Presented) The method of claim 1, wherein said lexically analyzing each word of said one or more extracted opinions comprises determining a morphological stem for said each word of said one or more extracted opinions.

10. (Previously Presented) A program storage device readable by machine, tangibly embodying a program of instructions executable by said machine to perform a method of analyzing opinions in a text document, said method comprising:

establishing a predetermined set of regular expressions, each regular expression of said set of regular expressions corresponding to a specific parts-of-speech (POS) tag sequence;

inputting and parsing said text document to provide a plurality of POS tag sequences;

matching said predetermined set of regular expressions to said plurality of POS tag sequences from said text document to provide one or more extracted opinions; and

lexically analyzing each word of said one or more extracted opinions to group said one or more extracted opinions into clusters of extracted opinions.

11. (Cancelled).

12. (Previously Presented) The program storage device of claim 10, wherein said clusters of extracted opinions comprise any of positive and negative clusters of extracted opinions.

13. (Previously Presented) The program storage device of claim 10, wherein said clusters of extracted opinions comprise any of positive, negative, and neutral clusters of extracted opinions.

14-15. (Cancelled).

16. (Previously Presented) The program storage device of claim 10, further comprising organizing said clusters of extracted opinions into groups, wherein said one or more extracted opinions within each of said groups comprises a similar topic.

17. (Previously Presented) The program storage device of claim 10, wherein said lexically analyzing each word of said one or more extracted opinions comprises accessing a natural language database to group said one or more extracted opinions into said clusters of extracted opinions.

18. (Previously Presented) The program storage device of claim 10, wherein said lexically analyzing each word of said one or more extracted opinions comprises identifying any of a synonym and an antonym for said each word of said one or more extracted opinions.

19. (Previously Presented) The program storage device of claim 10, wherein said lexically analyzing each word of said one or more extracted opinions comprises determining a morphological stem for said each word of said one or more extracted opinions.

20-28. (Cancelled).

29. (Previously Presented) The method of claim 1, further comprising marking said one or more extracted opinions in said text document with classification tags, wherein said classification tags correspond to said clusters of extracted opinions.

30. (Previously Presented) The program storage device claim 10, further comprising marking said one or more extracted opinions in said text document with classification tags, wherein said classification tags correspond to said clusters of extracted opinions.

31. (Previously Presented) The method of claim 41, wherein said graphically displaying comprises displaying said clusters of extracted opinions using any of a pie-chart and a bar-chart.

32. (Previously Presented) The program storage device of claim 42, wherein said graphically displaying comprises displaying said clusters of extracted opinions using any of a pie-chart and a bar-chart.

33. (Previously Presented) A method of analyzing opinions in a text document, said method comprising:

- establishing a predetermined set of regular expressions, each regular expression of said set of regular expressions corresponding to a specific parts-of-speech (POS) tag sequence;

- inputting and parsing said text document to provide a plurality of POS tag sequences;

- matching said predetermined set of regular expressions to said plurality of POS tag sequences from said text document to provide one or more extracted opinions;

- lexically analyzing each word of said one or more extracted opinions to group said one or more extracted opinions into clusters of extracted opinions; and

- any of:

- marking said one or more extracted opinions in said text document with classification tags, wherein said classification tags correspond to said clusters of extracted opinions; and

- graphically displaying said clusters of extracted opinions, wherein said graphically displaying comprises any of:

- displaying relative proportions of said extracted opinions in said clusters of extracted opinions; and

- displaying said clusters of extracted opinions using any of a pie-chart and a bar-chart.

34. (Previously Presented) The method of claim 33, wherein said clusters of extracted opinions comprise any of positive and negative clusters of extracted opinions.
35. (Previously Presented) The method of claim 33, wherein said clusters of extracted opinions comprise any of positive, negative, and neutral clusters of extracted opinions.
36. (Cancelled).
37. (Previously Presented) The method of claim 33, further comprising organizing said clusters of extracted opinions into groups, wherein said one or more extracted opinions within each of said groups comprises a similar topic.
38. (Previously Presented) The method of claim 33, wherein said lexically analyzing each word of said one or more extracted opinions comprises accessing a natural language database to group said one or more extracted opinions into said clusters of extracted opinions.
39. (Previously Presented) The method of claim 33, wherein said lexically analyzing each word of said one or more extracted opinions comprises identifying any of a synonym and an antonym for said each word of said one or more extracted opinions.
40. (Previously Presented) The method of claim 33, wherein said lexically analyzing each word of said one or more extracted opinions comprises determining a morphological stem for said each word of said one or more extracted opinions.
41. (Previously Presented) The method of claim 1 further comprising graphically displaying said clusters of extracted opinions, wherein said graphically displaying comprises displaying relative proportions of said extracted opinions in said clusters of extracted opinions.

42. (Previously Presented) The program storage device of claim 10 further comprising graphically displaying said clusters of extracted opinions, wherein said graphically displaying comprises displaying relative proportions of said extracted opinions in said clusters of extracted opinions.